

[LINEAR GUIDING APPARATUS]

Abstract of Disclosure

A linear guiding apparatus at least has a shaft and a shaft holding apparatus. The shaft holding apparatus is adapted to slide along the shaft. The shaft holding apparatus includes a body, an elastic member and an adjusting member. The body has a V-shape supporting surface, wherein the V-shape supporting surface is along the axis direction of the shaft and supports on outer edge of the shaft. The elastic member is mounted on the body, wherein the elastic member is elastically contacted the outer edge of the shaft, and the shaft is clipped between the elastic member and the V-shape supporting surface. The adjusting member is mounted on the body and contacted the elastic member, wherein the adjusting member is utilized to adjust the position of the elastic member. Therefore, a shaft of any diameter can be clipped between the elastic member and the V-shape supporting surface.

Figures